

THE HOT AIR DIFFUSER

Chapter Newsletter

OCTOBER 2016



IDAHO ASHRAE CHAPTER OFFICERS

Officers

President—Casey Huffaker
chuffaker@siglers.com

President-Elect—Michael Jones
mikejones@seedidaho.com

Secretary—Edward Rebman
Edward.J.Rebman@jci.com

Treasurer —Daniel Russell
danr@engineeringinc.com

Past-President—Russell Pratt
russell.pratt@cshqa.com

Board of Governors

Russell Pratt
russell.pratt@cshqa.com

Carl Marcum
carl@ymcinc.com

Dennis Fox
dfox@datasitecolo.com

Brad Acker
backer@uidaho.com

Chair Positions

Technology Transfer —Shrief Shrief
shrief.shrief@cshqa.com

Membership—Sean Drake
Sean@fulchereng.com

Student Activities—Brian Emtman
brianemtman@ctagroup.com

Newsletter—Cailin Wilson
cailin.wilson@cshqa.com

Historian—Steve Hardy
steven.hardy@cshqa.com

Resource Promotion—Mike Perez
mikep@norbryhn.com

YEA —Wesley Stanfill
wesleys@atsinlandnw.com

Webmaster—Randy Reed
randy@norbryhn.com

OCTOBER CHAPTER MEETING

OCTOBER: Psychometrics

The October meeting will discuss the use of radiant systems in building heating and cooling. This presentation will showcase several buildings that have successfully incorporated radiant systems and controls. Radiant systems are increasingly popular as they can provide great comfort while using very little energy. Half of net-zero energy buildings use radiant systems to meet most of their heating and cooling loads according to a 2012 survey. This overview of radiant systems will cover current best practices and a look at what may lie ahead for these efficient (if unwieldy) HVAC components. This month's speaker is Damon Woods, a PhD candidate at the University of Idaho and a research assistant at the U of I's Integrated Design Lab (IDL) in Boise.

When:
Wednesday, October 12th, 2016
11:45am to 1:00 pm MST

Please Register online at:
www.idahoashrae.com

Where:
Idaho Power Building
1221 W. Idaho St.
Boise, ID 83702

SEPTEMBER: Psychometrics

The September meeting was a demonstration tour of the Center for Ecohydraulics Research Stream Laboratory (CERSL) at the University of Idaho Building in Boise. Dr. Budwig of the University of Idaho

ASHRAE, founded in 1894, is an international organization of some 50,000 persons. ASHRAE fulfills its mission of advancing heating, ventilation, air conditioning and refrigeration to serve humanity and promote a sustainable world through research, standards writing, publishing and continuing education.

INSIDE THIS ISSUE:

PAST PROGRAMS	1
PRESIDENT'S LETTER	2
HISTORY LESSON	3
ADVERTISEMENTS	4-8

PRESIDENT'S MESSAGE

CASEY HUFFAKER

Every now and again I think it is helpful to do a little self-introspection. I recently asked myself, “What has ASHRAE done for me?”

It was through an ASHRAE meeting that I found my current employment. I was out of work, my wife was pregnant and we were living with my in-laws. Hollywood couldn't have made up a more classic “I really need a job” storyline. At the ASHRAE meeting everyone introduced themselves and the company they were with. On my turn, I simply stated my name and mentioned that I was seeking employment. After the meeting, one of the members introduced himself and we set up an interview.

ASHRAE's technical training and tours have been instructional and educational. I've made numerous connections by associating with other people in the HVAC industry. ASHRAE really gives me a sense of community; like I belong to something greater and bigger than myself. I've become familiar with Idaho's HVAC companies and even more importantly, the people within those companies. Idaho's ASHRAE membership includes some of the most intelligent and technically talented people in the state. I see myself fortunate to be counted as one of them.

I encourage all of our membership to ask themselves “What has ASHRAE done for me?”. Should you have trouble answering the question, maybe it's time to volunteer? Like other good things in life, you'll always get out what you put in.



HISTORY LESSON

OCTOBER

Five Years Ago

The chapter president was Cory Law. The meeting was held on Wednesday, October 12, 2011, at the State Capitol. The meeting was a tour of the Capitol Building renovation that was completed in January 2010.

Ten Years Ago

The chapter president was Arden Davis. The meeting was held on October 13, 2006, at the Idaho Power Building. Max Black, Ada County's State Representative, discussed the implementation of the 2006 International Building Code in Idaho.

Fifteen Years Ago

The chapter president was Greg Hobbs. The meeting was held on Friday, October 12, 2001, at the St. Luke's Meridian Medical Center. The meeting was a tour of the new St. Luke's Hospital.

Twenty Years Ago

The chapter president was Chuck Keene. The meeting was held on Friday, October 11, 1996, at the Red Lion Riverside. Steven Affleck, Chairman of the Boise State University Engineering Department, presented an update on the Engineering Advisory Board, the "revised and new" engineering curriculum, the new engineering facilities, and the laboratory and classroom facilities.

Twenty-Five Years Ago

The chapter president was Ken Tewksbury. The meeting was held on Friday, October 11, 1991 at the King's Table Restaurant. Terry O'Rourke, Chairman of the Warm Springs Water District, talked about the history of the Warm Springs Water District.

Thirty Years Ago

The chapter president was Adrian Fannin. The meeting was held on Friday, October 10, 1986, at the Kings Table Restaurant. Larry Kissler, President of Norco, and Idaho Chairman for the 100th Anniversary Statue of Liberty Celebration, gave a talk on the Statue of Liberty restoration project.



ADVERTISEMENTS

Online Advertising!!

Get your business card posted on

www.idahoashrae.com

*renewals are due now

Annual Business Card Ad on Website: **\$50**



Professional Development Hours

Professional Development Hours are now available at
ASHRAE monthly meetings!



INTEGRATED



DESIGN LAB
University of Idaho

University of Idaho
College of Art and Architecture



Idaho Chapter

Building Performance Analysis For Building Performance Rating Systems

Description:

This presentation focuses on building performance rating systems and their requirements for energy use reduction and whole building optimization. The program provides an overview of how to use computer assisted building performance analysis systems and ASHRAE 90.1 Appendix G to maximize the design team's ability to achieve the greatest number of credits when seeking project certification under a building performed rating system.

Dennis Knight



Target Audience:

Engineers, Architects
& Energy Modelers

Date and Time:

November 9th, 2016
12:00 - 1:00 pm

Location:

Idaho Power Building
1221 W Idaho St. Boise, ID 83702

Registration:

<http://idahoashrae.com>

Joint Lecture - BSUG & ASHRAE

ATTENTION: ASHRAE MEMBERS
The Chapter is now accepting advertisements
in the monthly newsletter.
Sponsorship Rates are as follows:

	Per Issue	Annual (9 issues)
Business Card	\$10.00	\$50.00
Quarter Page	\$25.00	\$200.00
Half Page	\$40.00	\$325.00
Full Page	\$60.00	\$450.00

ATTENTION: ASHRAE MEMBERS

**The Chapter is now accepting advertisements
in the monthly newsletter.**

Sponsorship Rates are as follows:

	Per Issue	Annual (9 issues)
Business Card	\$10.00	\$50.00
Quarter Page	\$25.00	\$200.00
Half Page	\$40.00	\$325.00
Full Page	\$60.00	\$450.00

ATTENTION: ASHRAE MEMBERS
The Chapter is now accepting advertisements
in the monthly newsletter.
Sponsorship Rates are as follows:

	Per Issue	Annual (9 issues)
Business Card	\$10.00	\$50.00
Quarter Page	\$25.00	\$200.00
Half Page	\$40.00	\$325.00
Full Page	\$60.00	\$450.00

ATTENTION: ASHRAE MEMBERS
The Chapter is now accepting advertisements
in the monthly newsletter.
Sponsorship Rates are as follows:

	Per Issue	Annual (9 issues)
Business Card	\$10.00	\$50.00
Quarter Page	\$25.00	\$200.00
Half Page	\$40.00	\$325.00
Full Page	\$60.00	\$450.00

ATTENTION: ASHRAE MEMBERS
The Chapter is now accepting advertisements
in the monthly newsletter.
Sponsorship Rates are as follows:

	Per Issue	Annual (9 issues)
Business Card	\$10.00	\$50.00
Quarter Page	\$25.00	\$200.00
Half Page	\$40.00	\$325.00
Full Page	\$60.00	\$450.00

Simple Advertisements Available For FREE!!

EXAMPLE:

Engineering Company-Mechanical Engineer I Position now open
Visit: www.engineeringcompany.com/.careers for more information

- For quarter, half, or full page job advertisements see above for pricing

Simple Advertisements Available For FREE!!

EXAMPLE:

Engineering Company-Mechanical Engineer I Position now open
Visit: www.engineeringcompany.com/.careers for more information

- For quarter, half, or full page job advertisements see above for pricing

Simple Advertisements Available For FREE!!

EXAMPLE:

Engineering Company-Mechanical Engineer I Position now open
Visit: www.engineeringcompany.com/.careers for more information

- For quarter, half, or full page job advertisements see above for pricing

Simple Advertisements Available For FREE!!

EXAMPLE:

Engineering Company-Mechanical Engineer I Position now open
Visit: www.engineeringcompany.com/.careers for more information

- For quarter, half, or full page job advertisements see above for pricing

- # Simple Advertisements Available For FREE!!
- EXAMPLE:*
- Engineering Company-Mechanical Engineer I Position now open
Visit: www.engineeringcompany.com/.careers for more information
- For quarter, half, or full page job advertisements see above for pricing

Issues registering for monthly meetings?



**Please contact Sean Drake @
sean@fulchereng.com**

Interested in becoming more involved with your local ASHRAE Chapter? Positions will be opening up soon!

Please contact Casey Huffaker
@ chuffaker@siglers.com for
more information.



